Form PTO - 1449 (Modified)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT(S)

M. R. Schrimpf, et al. FILING DATE

GROUP

(Use several sheets if necessary)

April 12, 2001

1615 1624

(37 CFR 1.98 (b))

U.S.PATENT DOCUMENTS

EXAMINER			ISSUE			SUB	FILING
INITIAL		PATENT NUMBER	DATE	INVENTOR	CLASS	CLASS	DATE
Be	Al	5,071,999	12/10/91	Schenke et al.	548	453	
BC	A2	5,382,584	01/17/95	Balasubramanian	514	215	
BC	A3	5,472,958	12/5/95	Gunn et al.	514	210	
Be	A4	5,478,939	12/26/95	Trybulski et al.	544	336	-
BC	A5	5,773,912	06/30/98	Saeki et al.	310	326	
Be	A6	5,914,328	06/22/99	Lin et al.	514	252	
BC	A7	5,948,793	09/7/99	Abreo et al.	514	318	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC- ATION	COUNTRY OR		SUB	TRA LAT	-
			DATE	PATENT OFFICE	CLASS	CLASS	YES	NO
Be	B1	0 324 543	19.07.89	EP				
BC	B2	0 345 808	11.01.95	EP				
BC	В3	0 400 661	05.12.90	EP				
BC	B4	0 603 887	26.09.94	EP				
Be	B5	94/08922	28.04.94	WO				
Be	В6	95/23152	31.08.95	WO				
BC	B7	96/31475	10.10.96	WO			·	
Be	B8	97/17961	22.05.97	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

BC	C1	Arneric et al., "Cholingeric channel modulators as a novel therapeutic strategy for alzheimer's disease," Exp. Opin. Invest. Drugs 5(1):79-100 (1996)
BC	C2	Americ, et al., "Neuronal Nicotinic Acetylcholine Receptors," Psychopharmacology: The fourth Generation of Progress 95-109 (1995)
BC	C3	Barlocco et al., J. Med. Chem. 41:674-681 (1998)

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BC	C4	Benowitz, et al., "Pharmacoking, metabolism, and pharmacodynamics of nicotine, " Nicotine Psychopharmacology 112-157 (1990)
BC	C5	Berge, et al., "Pharmaceutical Salts," Journal of Pharmaceutical Sciences 66(1):1-19 (1973)
BC	C6	Brehm et al., "Glycine antagonists, synthesis, structure, and biological effects of some bicyclic 5-isoxazolol zwitterions," J. Med. Chem. 269:224-229 (1986) Chem Pharm Bull. 6:408-411 (1958)
BC	C7	Chem Pharm Bull. 6:408-411 (1958)
BC	C8	Cherny, "Opioid Analgesics," Drug 51(5):713-737 (1996)
Be	C9	Cope et al., "Syntheses of D-and L-2,6-diheterobicyclo [3.3.0]octanes," JACS 78:5916-5920 (1956)
BC	C10	Corey, et al., "A synthetic method for formyl-ehtynyl conversion (RCHO-RC=CH or CR)," Tetrahedron Letters 36:3769-3772 (1972)
BC	C11	Davidson, et al., "Cholinergic Agonists in alzheimer's Disease Patients," Current Research in Alzheimer Therapy 333-336 (1988)
BC	C12	Dormoy, "Synthese Industrielle en serie ellipticine," Tetrahedron 49(14):2885-2914 (1993)
BC	C13	Dray et al., "New pharmacological strategies for pain relief," Annu. Rev. Pharmacol. Toxicol 36:253-80 (1996)
BC	C14	Dray, et al., Trends in Pharmacol. Sci. 15:190-197 (1994
BC	C15	Gribble, et al., "Regioselective ortho lithiation of halopyridines," Tetrahedron letters 21:4137-4140 (1980)
BC	C16	Hands, et al., "A convenient method for the preparation of 5-,6 and 7-azaindoles and their derivates," Synthesis 877-882 (1996)
BC.	C17	IUPAC, Pure and Applied Chemistry 45:13-30, 1976
<u> </u>	C18	Jacquet et al., Tetrahedron Letters 32(12):1565-1568 (1991)
BC	C19	Knight et al., "6-Hydroxypiperidinecarboxylates: additions to the chiral pool from bakers' yeast reduction of beta-ketopiperidinecarboxylates," J. Chem Soc. Perkins Trans. 1:3673-3683 (1998)
BC	C20	Korczyn, "Parkinson's Disease" Psychopharmacology: The Fourth Generation of Progress 126:1479-1484, 1995
BC	C21	Lazar, et al., "Saturated heterocycles, Part 172. Synthesis of 2,6-disubstituted-5,6,7,8-tetrahydropyrido[4,3-d]pyrimidine derivates," J. Heterocyclic Chem. 27:1885-1892 (1990)
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BC	C23	Lloyd et al, "The potential of subype-selective neuronal nicotinic acetylcholine receptor agonists as therapeutic agents," Life Sciences 62(17/18):1601-1606 (1998)
Be	C24	Numata, et al., "General synthetic method for naphthyridines and their n-oxides containing isoquinolinic nitrogen," Synthesis 2:306-311 (1999)
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BC	C26	Padwa, et al., Organic Synthesis 67:133-140 (1988)
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Be	C28	Prescott, Methods in Cell Biology XIV:33-71 (1976)
BC	C29	Reimschussel, et al., "Studies on new derivatives of caprolactam," Journal of Organic Chemistry 34(4):959-963 (1969)
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Be /	C32	"I C	effect of transdermal nicotine patches in nonsmoking lin. Psychiatry 57:387-389 (1996)	
BC	C33	Clayton, et al., "A total synthesis of (±)-Epibatidine," Tetrahedron Letters 30(40):7493	
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BC	C38	A may al preparation of 5-substituted	de mediated addition of trimethylsilyl azide to nitriles. tetrazoles," J. Org. Chem. 58:4139-4141 (1993)	_
BC	C39	Ghelardini et al., "Antinociceptive p Development Research 40:251-258	rofile of the new nicotinic agonists DBO-83, Diug (1997)	_
EXAMINE	R	ndo Coleman	Dec. 12, 2002	_

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO 1449)